

OIKE

#2

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/932,161

DATE: 09/06/2001

TIME: 13:36:42

Input Set : A:\Uc4679.txt

Output Set: N:\CRF3\09062001\I932161.raw

ENTERED

4 <110> APPLICANT: Civelli, Olivier
 5 Lin, Steven
 7 <120> TITLE OF INVENTION: Screening and Therapeutic Methods For
 8 Promoting Wakefulness and Sleep
 11 <130> FILE REFERENCE: P-UC 4679
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/932,161
 C--> 13 <141> CURRENT FILING DATE: 2001-08-17
 13 <150> PRIOR APPLICATION NUMBER: US 09/560,915
 14 <151> PRIOR FILING DATE: 2000-04-28
 16 <160> NUMBER OF SEQ ID NOS: 24
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 29
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Homo Sapien
 25 <400> SEQUENCE: 1
 26 Phe Arg Glu Glu Leu Arg Lys Leu Leu Val Ala Trp Pro Arg Lys Ile
 27 1 5 10 15
 28 Ala Pro His Gly Gln Asn Met Thr Val Ser Val Val Ile
 29 20 25
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 29
 34 <212> TYPE: PRT
 35 <213> ORGANISM: Homo Sapien
 37 <400> SEQUENCE: 2
 38 Asn Pro Ser Ser Ser Gln Asn Ser Gln Asn Phe Ala Ala Thr Tyr Lys
 39 1 5 10 15
 40 Glu Gly Tyr Asn Tyr Tyr Gly Ile Glu Ser Val Lys Ile
 41 20 25
 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 29
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Homo Sapien
 49 <400> SEQUENCE: 3
 50 Phe Lys Pro Ala Pro Ala Thr Asn Thr Gln Asn Tyr Ala Thr Tyr Arg
 51 1 5 10 15
 52 Glu Gly Tyr Asn Val Tyr Gly Thr Glu Ser Val Lys Ile
 53 20 25
 56 <210> SEQ ID NO: 4
 57 <211> LENGTH: 12
 58 <212> TYPE: PRT
 59 <213> ORGANISM: Homo Sapien
 61 <400> SEQUENCE: 4
 62 Pro His Gly Gln Asn Met Thr Val Ser Val Val Ile
 63 1 5 10
 66 <210> SEQ ID NO: 5
 67 <211> LENGTH: 6

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/932,161

DATE: 09/06/2001

TIME: 13:36:42

Input Set : A:\Uc4679.txt

Output Set: N:\CRF3\09062001\I932161.raw

68 <212> TYPE: PRT
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: human GPR10 variant
74 <400> SEQUENCE: 5
75 Pro His Gly Gln Asn Met
76 1 5
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 12
81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: human GPR10 variant
87 <400> SEQUENCE: 6
88 Pro His Gly Gln Asn Met Thr Val Pro Arg Pro Ala
89 1 5 10
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 12
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: human GPR10 variant
100 <400> SEQUENCE: 7
101 Pro His Gly Gln Asn Met Ala Val Ser Val Val Ile
102 1 5 10
105 <210> SEQ ID NO: 8
106 <211> LENGTH: 12
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: human GPR10 variant
113 <400> SEQUENCE: 8
114 Pro His Gly Gln Asn Met Thr Ala Ser Val Val Ile
115 1 5 10
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 12
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: human GPR10 variant
126 <400> SEQUENCE: 9
127 Pro His Gly Gln Asn Met Thr Val Ala Val Val Ile
128 1 5 10
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 12
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: human GPR10 variant

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/932,161

DATE: 09/06/2001

TIME: 13:36:42

Input Set : A:\Uc4679.txt

Output Set: N:\CRF3\09062001\I932161.raw

```

139 <400> SEQUENCE: 10
140 Pro His Gly Gln Asn Met Thr Val Ser Ala Val Ile
141 1 5 10
144 <210> SEQ ID NO: 11
145 <211> LENGTH: 12
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: human GPR10 variant
152 <400> SEQUENCE: 11
153 Pro His Gly Gln Asn Met Thr Val Ser Val Ala Ile
154 1 5 10
157 <210> SEQ ID NO: 12
158 <211> LENGTH: 12
159 <212> TYPE: PRT
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: human GPR10 variant
165 <400> SEQUENCE: 12
166 Pro His Gly Gln Asn Met Thr Val Ser Val Val Ala
167 1 5 10
170 <210> SEQ ID NO: 13
171 <211> LENGTH: 31
172 <212> TYPE: PRT
173 <213> ORGANISM: Bos taurus
175 <400> SEQUENCE: 13
176 Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
177 1 5 10 15
178 Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe
179 20 25 30
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 31
184 <212> TYPE: PRT
185 <213> ORGANISM: Rattus
187 <400> SEQUENCE: 14
188 Ser Arg Ala His Gln His Ser Met Glu Thr Arg Thr Pro Asp Ile Asn
189 1 5 10 15
190 Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro Val Gly Arg Phe
191 20 25 30
194 <210> SEQ ID NO: 15
195 <211> LENGTH: 31
196 <212> TYPE: PRT
197 <213> ORGANISM: Homo Sapien
199 <400> SEQUENCE: 15
200 Ser Arg Thr His Arg His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
201 1 5 10 15
202 Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Phe
203 20 25 30
206 <210> SEQ ID NO: 16

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/932,161

DATE: 09/06/2001

TIME: 13:36:42

Input Set : A:\Uc4679.txt

Output Set: N:\CRF3\09062001\I932161.raw

207 <211> LENGTH: 20
 208 <212> TYPE: PRT
 209 <213> ORGANISM: Bos taurus
 211 <400> SEQUENCE: 16
 212 Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro
 213 1 5 10 15
 214 Val Gly Arg Phe
 215 20
 218 <210> SEQ ID NO: 17
 219 <211> LENGTH: 20
 220 <212> TYPE: PRT
 221 <213> ORGANISM: Rattus
 223 <400> SEQUENCE: 17
 224 Thr Pro Asp Ile Asn Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro
 225 1 5 10 15
 226 Val Gly Arg Phe
 227 20
 230 <210> SEQ ID NO: 18
 231 <211> LENGTH: 20
 232 <212> TYPE: PRT
 233 <213> ORGANISM: Homo Sapien
 235 <400> SEQUENCE: 18
 236 Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro
 237 1 5 10 15
 238 Val Gly Arg Phe
 239 20
 242 <210> SEQ ID NO: 19
 243 <211> LENGTH: 7
 244 <212> TYPE: PRT
 245 <213> ORGANISM: Artificial Sequence
 247 <220> FEATURE:
 248 <223> OTHER INFORMATION: human PrRP variant
 250 <221> NAME/KEY: VARIANT
 251 <222> LOCATION: (1)...(7)
 252 <223> OTHER INFORMATION: Xaa = Any Amino Acid
 254 <400> SEQUENCE: 19
 255 Xaa Arg Pro Val Gly Arg Phe
 256 1 5
 259 <210> SEQ ID NO: 20
 260 <211> LENGTH: 7
 261 <212> TYPE: PRT
 262 <213> ORGANISM: Artificial Sequence
 264 <220> FEATURE:
 265 <223> OTHER INFORMATION: human PrRP variant
 267 <221> NAME/KEY: VARIANT
 268 <222> LOCATION: (1)...(7)
 269 <223> OTHER INFORMATION: Xaa = Any Amino Acid
 271 <400> SEQUENCE: 20
 272 Ile Arg Xaa Val Gly Arg Phe

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/932,161

DATE: 09/06/2001

TIME: 13:36:42

Input Set : A:\Uc4679.txt

Output Set: N:\CRF3\09062001\I932161.raw

273 1 5
276 <210> SEQ ID NO: 21
277 <211> LENGTH: 7
278 <212> TYPE: PRT
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: human PrRP variant
284 <221> NAME/KEY: VARIANT
285 <222> LOCATION: (1)...(7)
286 <223> OTHER INFORMATION: Xaa = Any Amino Acid
288 <400> SEQUENCE: 21
OK> 289 Ile Arg Pro Xaa Gly Arg Phe
290 1 5
293 <210> SEQ ID NO: 22
294 <211> LENGTH: 7
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: human PrRP variant
301 <221> NAME/KEY: VARIANT
302 <222> LOCATION: (1)...(7)
303 <223> OTHER INFORMATION: Xaa = Any Amino Acid
OK> 305 <400> SEQUENCE: 22
306 Ile Arg Pro Val Gly Arg Xaa
307 1 5
310 <210> SEQ ID NO: 23
311 <211> LENGTH: 7
312 <212> TYPE: PRT
313 <213> ORGANISM: Homo Sapien
315 <400> SEQUENCE: 23
316 Ile Arg Pro Val Gly Arg Phe
317 1 5
320 <210> SEQ ID NO: 24
321 <211> LENGTH: 4
322 <212> TYPE: PRT
323 <213> ORGANISM: Homo Sapien
325 <400> SEQUENCE: 24
326 Ser Val Val Ile
327 1

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/932,161

DATE: 09/06/2001

TIME: 13:36:43

Input Set : A:\Uc4679.txt

Output Set: N:\CRF3\09062001\I932161.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22